

Successful Inclusion of students with ADHD Using Universal Design for Learning

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What is Universal Design for Learning (UDL)?

- Framework or set of guidelines
- Use creativity: how can we incorporate music, video, clay modeling, going outdoors or tossing a ball in the classroom
- Stimulate every type of learner
- Requires planning ahead of time for the range of students
- Can include technology, but not solely
- Look at ways to improve the learning environment, not at deficient learners
- Give info to students in multiple ways
- Increases positive learning outcomes for all students

Universal Design for Learning (UDL)

- In simple terms, UDL is when we embed more flexible strategies into our curriculum during planning so all students can access a variety of learning solutions.
- UDL anticipates needs of diverse learners.

UD of Instruction

- Multiple means of representation, to give learners various ways of acquiring information and knowledge
- Multiple means of action and expression, to provide learners alternatives for demonstrating what they know
- Multiple means of action and engagement, to tap into learners' interests, offer appropriate challenges, and increase motivation (CAST)

UD of Instruction

- **Class Climate.** Adopt practices that reflect high values with respect to both diversity and inclusiveness.
- **Interaction.** Encourage regular and effective interactions between students and the instructor and ensure that communication methods are accessible to all participants.
- **Physical Environments and Products.** Ensure that facilities, activities, materials, and equipment are physically accessible to and usable by all students and that all potential student characteristics are addressed in safety considerations.
- **Delivery Methods.** Use multiple, accessible instructional methods that are accessible to all learners.

UD of Instruction

- Information Resources and Technology. Ensure that course materials, notes, and other information resources are engaging, flexible, and accessible for all students.
- Feedback. Provide specific feedback on a regular basis.
- Assessment. Regularly assess student progress using multiple, accessible methods and tools and adjust instruction accordingly.
- Accommodation. Plan for accommodations for students whose needs are not met by the instructional design.
(Burgstahler, 2007a)

The 3 principles of UDL

- Learning differs across tasks
- Learning differs across development
- Learning differs across individuals

***Universal design for learning (UDL) is a framework for removing barriers by anticipating the needs of all students

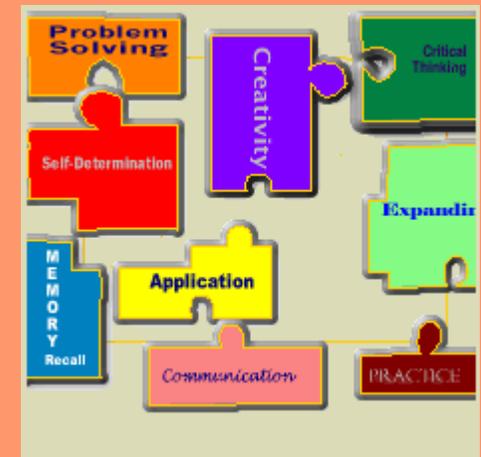
Principle 1 - Representation

- Learners differ in the ways that they perceive and comprehend information that is presented to them.
 - How will you teach the content?
 - How will students learn the content independently?



Principle 2 – Action & Expression

- Learners differ in the ways that they can navigate a learning environment and express what they know.
 - How will students show you what they know?
 - How do you differentiate the ways that students can express what they know?



Principle 3 - Engagement

- Affect represents a crucial element to learning, and learners differ markedly in the ways in which they can be engaged or motivated to learn.
 - How will students be engaged in the content?
 - How do you stimulate interest and motivation for learning?



Practically Implementing UD

- Presentation: Create content first, then design
 - ❖ Teach students to self-regulate and self-monitor
 - ❖ Use backward design for lesson planning
 - ❖ Think about the objectives for the class
- How can you allow for multiple means of assessment across the term?
 - ❖ What are best assessments to use? What changes can you make to current assessment to get better engagement & results?

Web Resources

- [http://www.udlcenter.org/sites/udlcenter.org/files/Guidelines_2.0_Educator_Checklist%20\(1\)_0.pdf](http://www.udlcenter.org/sites/udlcenter.org/files/Guidelines_2.0_Educator_Checklist%20(1)_0.pdf)
- <http://www.udlcenter.org/implementation/examples>
- <http://www.topteachertools.com/universaldesignforlearning.html>
- <https://www.theudlproject.com/udl-tools---all-grades.html>

Resources

- Burgstahler, S. (2007a). Equal access: Universal design of instruction. Seattle: University of Washington.
- CAST: <http://www.cast.org/>
- Hitchcock, C., Meyer, A., Rose, D., & Jackson, R. (2002). Providing new access to the general curriculum: Universal design for learning. *Council for Exceptional Children* 35(2), 8-17.
- McGuire, J.M., Scott, S.S., & Shaw, S.S. 2003. Universal Design for Instruction: The Paradigm, Its Principles, and Products. *The Journal on Postsecondary Education and Disability*. 17(1), 11-21.
- Stein, E. 2015. Sparking up lessons with universal design for learning (udl). *Education Week Teacher*. Published online December 19, 2015.